

# Counterpart®

Configurable Counting Indicator



## Standard Features

- AC operated (battery operation is optional)
- LCD graphic transmissive display for indoor viewing
- Lb/kg/oz/g weight display conversion
- Single- or dual-channel models with serial scale input
- Mix and match platforms with console
- Four setpoint outputs for counting
- Two RS-232 ports for connecting peripherals
- Ethernet TCP/IP
- Scanner input (RS-232)
- PC software utility (Revolution®) for setup
- 150 item memory

## Options:

- Battery
- USB for USB keyboard
- WeighVault™ for Counterpart



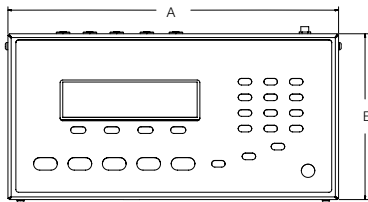
DIG® Scale Base



Shown with BenchMark® Scale Base and Bracket

## Dimensions

A	12.3 in (312.4 mm)	C	3.94 in (100 mm)
B	6.17 in (156.7 mm)		



## Approvals



Measurement  
Canada  
Approved



## Specifications

### Power Source:

Input: 100-240 VAC, 47-63 Hz, 5 watts,  
U.S. power cord  
Output: 9-12 V, 1.5 A max

### Excitation Voltage:

5 VDC

### Analog Signal Input Range:

0-4.5 mV/V

### Analog Specifications:

Grad minimum: .3  $\mu$ V/grad  
Input sensitivity: 1.5  $\mu$ V/grad recommended  
Zero adjustment range: 0-100%  
or per region settings  
A/D conversion rate: 7.5, 15, 30 samples per second  
Load cells per scale: 8 x 350  $\Omega$ ; 16 x 700  $\Omega$   
Scale channels: 1 or 2  
Linearity:  $\pm$ 0.017 full scale

### Circuit Protection:

RFI, EMI, ESD protection

### Digital I/O:

Four

### Display:

Viewing area: 240 x 64 pixels, transmissive VGA  
liquid crystal display (LCD) with adjustable contrast

### Keypad:

24 buttons, full keypad (alpha numeric)

### Resolution:

Weight display resolution: up to  
100,000 graduations  
Counting resolution: 1/1,000,000

### Communications and Setpoint:

Two RS-232 ports support up to 115,200 bps  
20 mA  
Ethernet port  
Setpoint output

### Status Annunciators:

PCS, motion, low battery, insuff, recomp, scale  
number, gross, net, zero

### Units of Measure:

Pounds, kilograms, grams, ounces

### Prints:

Standard EPL label format; format is changeable to  
work with virtually any printer

### Optional Battery:

Type: Lithium-ion  
Charge time: 6 to 8 hours  
Charge cycles: 400-1,200  
Estimated runtime: 24-32 hours with one 350  $\Omega$   
load cell base

### Operating Temperature:

32° F to 104° F (0° C to 40° C)

### Operating Humidity:

85%

### Physical Dimensions:

Indicator only (L x W x H): 12.25 x 6.25 x 4.0 in  
(311.15 x 158.75 x 101.6 mm)

### Warranty:

Two-year limited warranty

### Approvals:

NTEP CC 12-110  
CE  
UL listed  
Measurement Canada

## Part Number/Price

Part #	Model #	Capacity	Platter Dimensions	Est. Weight	Price
118788	CP single-channel indicator	Console only	n/a	10 lb (4.5 kg)	Consult
120770	CP dual-channel indicator	Console only	n/a	10 lb (4.5 kg)	Consult
132429	CP single-channel, EU power cord	Console only	n/a	10 lb (4.5 kg)	Consult
132431	CP dual-channel, EU power cord	Console only	n/a	10 lb (4.5 kg)	Consult
<b>Single Channel with DIGI® S-YC base system and bracket</b>					
155089	CP-1	1 lb x 0.0001 lb (500 g x 0.05 g)	7.9 x 5.6 in (200 x 142 mm)	35 lb (15.9 kg)	Consult
155090	CP-2	2 lb x 0.0002 lb (1 kg x 0.0001 kg)	9.6 x 6.9 in (244 x 175 mm)	35 lb (15.9 kg)	Consult
155092	CP-5	5 lb x 0.0005 lb (2.5 kg x 0.0002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155094	CP-10	10 lb x 0.001 lb (5 kg x 0.0005 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155097	CP-25	25 lb x 0.002 lb (10 kg x 0.001 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155101	CP-50	50 lb x 0.005 lb (25 kg x 0.002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
<b>Dual Channel with DIGI S-YC base system and bracket (second channel available for use with other bases)</b>					
155115	CP-1	1 lb x 0.0001 lb (500 g x 0.05 g)	7.9 x 5.6 in (200 x 142 mm)	35 lb (15.9 kg)	Consult
155116	CP-2	2 lb x 0.0002 lb (1 kg x 0.0001 kg)	9.6 x 6.9 in (244 x 175 mm)	35 lb (15.9 kg)	Consult
155117	CP-5	5 lb x 0.0005 lb (2.5 kg x 0.0002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155118	CP-10	10 lb x 0.001 lb (5 kg x 0.0005 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155119	CP-25	25 lb x 0.002 lb (10 kg x 0.001 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
155120	CP-50	50 lb x 0.005 lb (25 kg x 0.002 kg)	13.4 x 11 in (341 x 284 mm)	35 lb (15.9 kg)	Consult
<b>Dual Channel with BenchMark™ base system and bracket (second channel available for use with other bases)</b>					
125113	CP-50BM	50 lb x 0.01 lb (20 kg x 0.002 kg)	12 x 18 in (304.8 x 457.2 mm)	45 lb (20.4 kg)	Consult
125116	CP-100BM	100 lb x 0.02 lb (50 kg x 0.005 kg)	12 x 18 in (304.8 x 457.2 mm)	45 lb (20.4 kg)	Consult

## Options/Accessories

Part #	Description	Price
124692	Rechargeable lithium-ion battery option	Consult
53828	14-Pin Y-cable, connects 2 remote DIGI bases	Consult
32375	Connector, 14-Pin Amphenol load cell (can be soldered to home run cable)	Consult
125062	Ethernet quick access coverplate for Counterpart	Consult
130537	USB for Counterpart, keyboard only	Consult
179211	QWERTY keyboard, USB interface (requires 130537 USB interface option)	Consult
125079	Quick access 9-Pin cover plate	Consult
120767	Quick access 14-Pin Amphenol cover plate	Consult
125495	Wireless LAN card Wi-Fi 802.11 A/B, optional kit	Consult
125546	WeighVault™ for Counterpart	Consult
77925	Revolution® PC software utility for setup	Consult
118677	Operators manual (Part #129606 Spanish operator's manual)	Consult
121459	Front mount bracket for Benchmark™ scales, S-XL bases	Consult
154700	Front mount bracket for S-YC scales	Consult
121474	Firmware download cable	Consult
121501	Stand, angled free standing for table top	Consult
128063	Power supply, 12 V (power cord sold separately)	Consult
15438	Power cord	Consult
<b>Printers/Cables:</b>		
167515	DT2x printer, 2 in direct thermal, 203 dpi, real time clock 110/240 VAC	Consult
65617	Direct thermal label, (W x L): 2.25 x 4.5 in, 1 in core, 5 in OD perfed	Consult
41276	Cable DB9M to blunt end RS-232 cable for DT2	Consult
78860	Ethernet cross cable for direct connection to WeighVault™	Consult
<b>Scanner:</b>		
121495	Kit, QD2131 RS-232 scanner, cable stand and DB9 quick connect cable (supplies power to scanner, reduces battery life)	Consult